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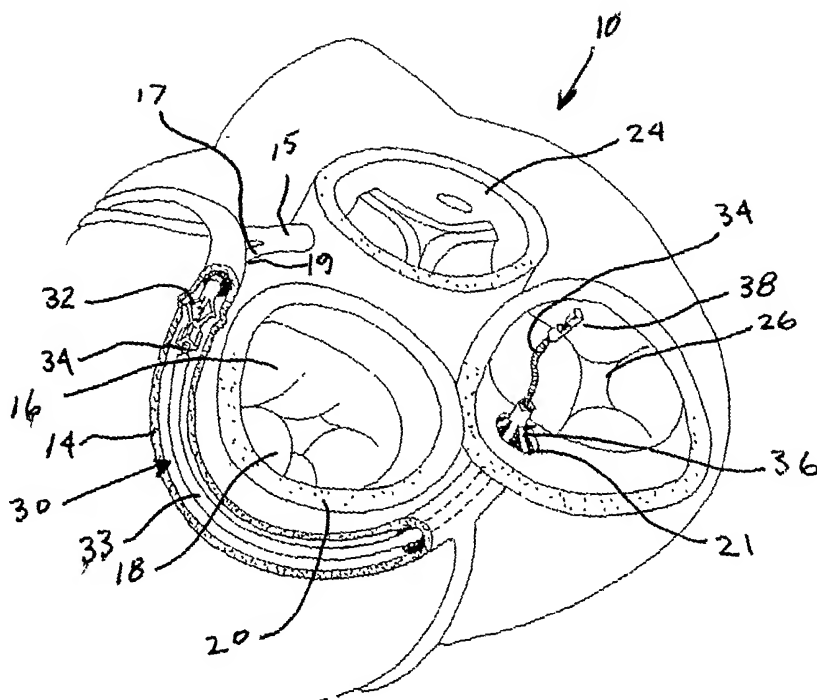
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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: ANCHOR AND PULL MITRAL VALVE DEVICE AND METHOD



(57) Abstract: A device, system, and method effects mitral valve (30) annulus geometry of a heart. The device includes a first anchor configured to be positioned within and fixed to the coronary sinus of the heart adjacent the mitral valve annulus within the heart. A cable (34) is fixed to the first anchor (32) and extends proximally therefrom and slidingly through a second anchor (36) which is positioned and fixed in the heart proximal to the first anchor (32). A lock locks the cable to the second anchor (36) when tension is applied to the cable for effecting the mitral valve annulus geometry.



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European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/38586

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A61F 2/24; A61F 2/00

US CL : 623/2.36; 600/37

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : Please See Continuation Sheet

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2001/0018611 A1 (SOLEM et al) 30 August 2001 (30.08.2001), Figures 12-13; paragraphs [0022] and [0054].	1, 2, 4-11, 13-20, 22
Y, P	US 2002/0151961 A1 (LASHINSKI et al) 17 October 2002 (17.10.2002), Figures 17B-17C; paragraph [0146].	1, 2, 4-11, 13-20, 22
Y, P	US 2002/0169504 A1 (ALFERNESS et al) 14 November 2002 (14.11.2002), Figure 8; paragraph [0064].	3, 12, 21, 31, 42
A, E	US 2002/0183837 A1 (STREETER et al) 05 December 2002 (05.12.2002), abstract; Figure 5.	1-43
A, P	US 2002/0169502 A1 (MATHIS) 14 November 2002 (14.11.2002), Figures 3-4.	1-43

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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"T"

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"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;"

document member of the same patent family

Date of the actual completion of the international search

05 March 2003 (05.03.2003)

Date of mailing of the international search report

**16 MAY 2003**

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**Continuation of B. FIELDS SEARCHED Item 1:**

623/2.36; 606/37; 623/1.1, 1.11, 1.12, 1.15, 1.16, 1.18, 1.2, 2.1, 2.11, 2.37, 11.11; 606/108, 191, 192, 194, 195, 198; 600/16; 128/898

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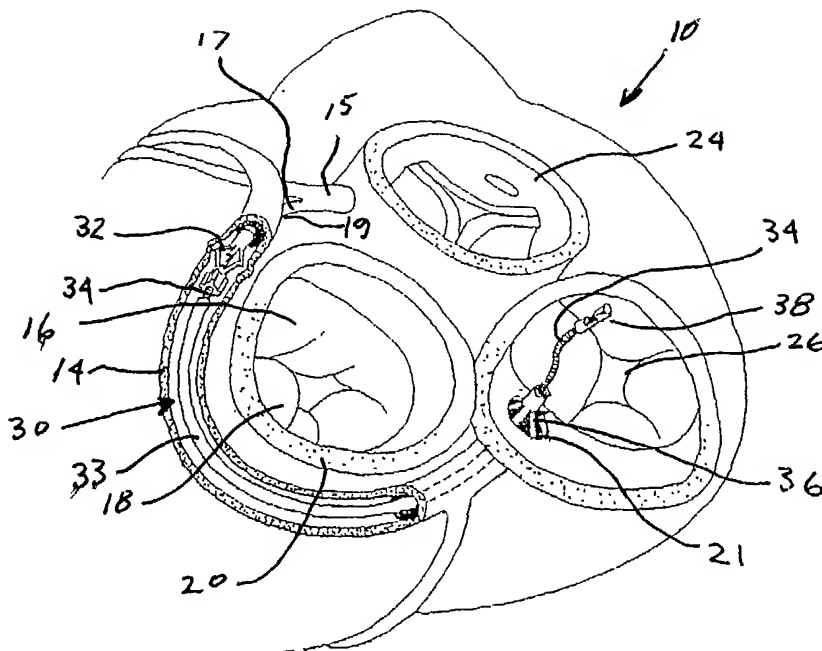
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